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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/542316
	Filing Date	July 13, 2005
	First Named Inventor	Hiromasa Tanobe
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	5259-000054/US/NP

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Receipt Postcard; Letter to Commissioner; Corrected Information Disclosure Statement by Applicant (Form PTO SB/08); Copy of original Information Disclosure Statement and Information Disclosure Statement by Applicant
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	HARNESSE, DICKEY & PIERCE, P.L.C.		
Signature			
Printed name	Gregory A. Stobbs		
Date	May 5, 2006	Reg. No.	28,764

Express Mail Label No. EV 853 856 255 US (5/5/2006) Dated: May 5, 2006

EV 853 856 255 US



Express Mail Label No. EV 853 856 255 US (5/5/2006) Dated: May 5, 2006

Docket No.: 5259-000054/US/NP
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hiromasa Tanobe et al.

Application No.: 10/542316

Confirmation No.: 1761

Filed: July 13, 2005

Art Unit: N/A

For: Fiber Optic Communication System

Examiner: Not Yet Assigned

SUBMISSION OF CORRECTED INFORMATION
DISCLOSURE STATEMENT BY APPLICANT (FORM PTO SB/08)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby submit a Corrected Information Disclosure Statement by Applicant with the following correction on page 2, Cite No. CR:

Kato et al., "10 Tbps Full-Mesh WDM Network Based on 32x32 Cyclic-Frequency AWG", Proceedings of the 2000 IEICE General Conference (Spring), B-10-100, p. 475, 2000, with English translation.

A copy of the original Information Disclosure Statement and Information Disclosure Statement by Applicant is enclosed for your convenience.

Accordingly, please replace the original Information Disclosure Statement by Applicant with the Corrected Information Disclosure Statement by Applicant.

Application No.: 10/542316

Docket No.: 5259-000054/US/NP

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 08-0750, under Order No. 5259-000054/US/NP from which the undersigned is authorized to draw.

Dated: May 5, 2006

Respectfully submitted,

By



Gregory A. Stobbs

Registration No.: 28,764

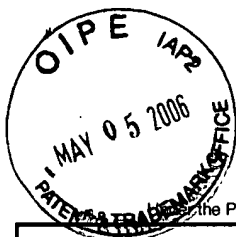
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Attorney for Applicant



PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO CORRECTED INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/542316	
			Filing Date	July 13, 2005	
			First Named Inventor	Hiromasa Tanobe	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	5259-000054/US/NP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-6,741,811		Nishi et al.	
	AB*	US-2001/0026384**		Sakano et al.	

** Corresponds to Cite #BC below.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	JP-H07-202845	08-04-1995	Yamamoto		
	BB	JP-2000-184408	06-30-2000	Baba		
	BC	JP-2001-285323	10-12-2001	Sakano et al.		
	BD	JP-06-311108	11-04-1994	Okayama et al.		
	BE	JP-2002/300137	10-11-2002	Sugie et al.		
	BF	JP-2001-008244	01-12-2001	Jinno et al.		
	BG	JP-2002-262319	09-13-2002	Imayado et al.		
	BH	JP-2002/165238	06-07-2002	Nishi et al.		
	BI	JP-2000-134649	05-12-2000	Koseki et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	CA	K. Noguchi, "Scalability of Full-Mesh WDM AWG-STAR Network", IEICE Transactions on Communications, Vol. E86-B, No. 5, pp. 1493-1497, May 2003		
	CB	K. Kato et al., "32 x 32 Full-Mesh (1024 Path) Wavelength Routing WDM Network based on Uniform Loss Cyclic-Frequency Arrayed-Waveguide Grating," IEE Electronics Letters, Vol. 36, No. 15, pp. 1294-1296, July 2000		
	CC	K. Kato, A. Okada, Y. Sakai, K. Noguchi, T. Sakamoto, A. Takahara, S. Kamei, A. Kaneko, S. Suzuki and M. Matsuoka, "10-Tbps Full-Mesh WDM Network Based on Cyclic-Frequency Arrayed-Waveguide Grating Router", ECOC 2000, Vol. 1, pp. 105-107, 2000		
	CD	Y. Sakai, "Full-Mesh Wavelength-Routing WDM Network Based on Arrayed-Waveguide Grating", IEEE LEOS Annual Meeting, Vol. 2, ThQ1, pp. 832-833, 2000		
	CE	Y. Sakai, K. Noguchi, R. Yoshimura, T. Sakamoto, A. Okada, and M. Matsuoka, "Management System for Full-Mesh WDM AWG-STAR Network", ECOC 2001, No. We.B.1.5, pp. 264-265, 2001		
	CF	K. Noguchi, S. Kamei, Y. Sakai, A. Okada, T. Kitagawa, and M. Matsuoka, "Scalability of Full-		

Examiner Signature		Date Considered	
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DAM/sjr

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO CORRECTED INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/542316	
			Filing Date	July 13, 2005	
			First Named Inventor	Hiromasa Tanobe	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	3	Attorney Docket Number	5259-000054/US/NP

		Mesh WDM AWG-STAR Network", OECC 2002, 10A1-2, pp. 72-73, July 2002	
	CG	K. Rookstool, "Economic Considerations of Central Office (CO) Broadband Distribution Terminal vs. Remote Terminal (RT) Broadband Distribution Terminals for Deploying Fiber to the Home (FTTH)", OFC 2003, Vol. 2, pp. 610-613, March 2003	
	CH	K. Noguchi, H. Tanobe, and M. Matsuoka, "The First Field Trial of a Wavelength Routing WDM Full-Mesh Network System (AWG-STAR) in a Metropolitan/Local Area", OFC 2003, ThAA5, pp. 611-613	
	CI	H. Tanobe, A. Okada, K. Noguchi and M. Matsuoka, "Demonstration of Logical-Topology Reconfiguration in Full-Mesh WDM Networks (AWG-STAR) Based on Wavelength Routing Technology", ECOC 2003, Th2.4.5, 2003	
	CJ	O. Moriwaki, K. Noguchi, H. Tanobe, A. Okada, and M. Matsuoka, "Reconfigurable Wavelength-Routed Network with NxN AWG Arranged in CWDM Bands for Bandwidth on Demand", OFC 2003, MF90, 2003	
	CK	Y. Sakai et al., "Full-Mesh WDM Network Based on Cyclic-Frequency Arrayed-Waveguide Grating", Technical Report of IEICE, OCS2000-9, pp. 47-52, May 2000	
	CL	Y. Sakai et al., "Full-mesh Wavelength-Routing Network System (AWG-STAR)", Technical Report of IEICE, OCS2001-55, pp. 61-66, July 2001	
	CM	K. Noguchi et al., "Scalability of AWG-STAR Network System", Technical Report of IEICE, OCS2001-56, pp. 67-72, July 2001	
	CN	K. Noguchi et al., "Full-Mesh-Star Network System with Cyclic Frequency Arrayed Waveguide Grating", Technical Report of IEICE, OCS2001-80, pp. 47-52, November 2001	
	CO	Y. Koike et al., "Field Trial of AWG-STAR Network", Technical Report of IEICE, PS2002-52, pp. 17-22, October 2002	
	CP	Y. Koike et al., "A Monitoring and Control for AWG-STAR Network", Technical Report of IEICE, NS2002-195, pp. 53-56, December 2002	
	CQ	H. Tanobe et al., "Logical Topology Dynamically-Reconfigurable Network with Wavelength Routing Full-Mesh (AWG-STAR) Technology", Technical Report of IEICE, NS2002-283, pp. 133-136, March 2003	
	CR	K. Kato et al., "10Tbps Full-Mesh WDM Network Based on 32x32 Cyclic-Frequency AWG", Proceedings of the 2000 IEICE General Conference (Spring), B-10-100, p. 475, 2000, with English translation	
	CS	K. Tanaka et al., "Wavelength-Routing Experiment in WDM Star Network Using a Cyclic Arrayed-Waveguide Grating", Proceedings of the 2000 IEICE General Conference (Spring), B-10-102, p. 477, 2000, with English translation	
	CT	Y. Sakai et al., "Optical Interface Board for Wavelength Division Multiplexing", Proceedings of the 2000 IEICE General Conference (Spring), B-10-103, p. 478, 2000, with English translation	
	CU	K. Noguchi et al., "Transmission Characteristic in Full-Mesh WDM Network Based on Cyclic-Frequency AWG (AWG-STAR)", Proceedings of the 2000 IEICE Society Conference, B-10-118, p. 341, 2000, with English translation	
	CV	Y. Sakai et al., "A Study on Full-Mesh WDM Network Topology", Proceedings of the 2000 IEICE Society Conference, B-10-119, p. 342, 2000, with English translation	
	CW	K. Noguchi et al., "AWG-STAR Network Based on Grouped Wavelength-Path Routing", Proceedings of the 2002 IEICE Society Conference, B-12-2, p. 442, 2002, with English translation	
	CX	K. Kato et al., "Full-Mesh Network Based on Cyclic-Frequency Arrayed-Waveguide Grating", NTT-R&D, Vol. 49, No. 6, pp. 298-308, 2000	

Examiner Signature		Date Considered	
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				Application Number	10/542316
				Filing Date	July 13, 2005
				First Named Inventor	Hiromasa Tanobe
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	5259-000054/US/NP

	CY	K. Tanaka et al., "Scalability of AWG-STAR Optical Network", NTT-R&D, Vol. 49, No. 6, pp. 318-323, 2000	
	CZ	Y. Sakai et al., "Optical Interface Board for Wavelength Division Multiplexing", NTT-R&D, Vol. 49, No. 6, pp. 324-330, 2000	
	CAA	M. Matsuoka et al., "Starting an Intranet Joint Experiment Using Optical Wavelength Routing Technology", NTT Technical Journal, Vol. 14, No. 10, pp. 50-53, October 2002, with English translation	
	CAB	M. Matsuoka et al., "Full-Mesh WDM Networks; AWG-STAR, A Wavelength Routing Full-Mesh Network", NTT Technical Journal, Vol. 14, No. 2, pp. 55-61, February 2002, with English translation	
	CAC	News Release, "NTT Develops Logical-Topology Reconfigurable WDM Network System", http://www.ntt.co.jp/news/news03e/0309/030917.html , September 17, 2003	
	CAD	Press Release, "Sales launch of 'AWG Router' – a Key to Next-Generation Optical Networks, Making Economically Feasible Full-Mesh Networks With Optical Fibers Connected In a Star Configuration", http://www.nel.co.jp/new/information/2003_03_20.html , March 20, 2003, with English translation	
	CAE	C. Shimura, "Proposal for Local Electronic Government Synergistic IDC Operation for Local Electronic Government Implementation", Local management newsletter, Nomura Research Institute, Vol. 34, pp. 1-5, June 2001, with English translation	
	CAF	R. Ramaswami, and K. N. Sivarajan, Optical Networks, pp. 340-343, Morgan Kaufmann Publishers, Inc., 1998	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Express Mail Label No. EV 853 855 935 US (3/29/2006) Dated:
March 29, 2006

Docket No.: 5259-000054/US/NP
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hiromasa Tanobe et al.

Application No.: 10/542316

Confirmation No.: N/A

Filed: July 13, 2005

Art Unit: N/A

For: Fiber Optic Communication System

Examiner: Not Yet Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

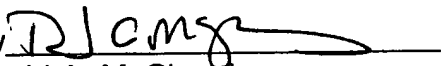
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 08-0750, under Order No. 5259-000054/US/NP. A duplicate copy of this paper is enclosed.

Dated: March 29, 2006

Respectfully submitted,

By 
David A. McClaughry
Registration No.: 37,885
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600
Attorney for Applicant